



2616

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 12, 2007.*

Lindsey Lin

Applicant : Mario Gerla, et al. Confirmation No.3983  
Application No. : 10/550,806  
Filed : September 23, 2005  
Title : METHOD AND APPARATUS FOR IMPROVED DATA  
TRANSMISSION  
  
Grp./Div. : 2616  
Examiner : Lynn Diana Feild  
  
Docket No. : 51990/R268

**INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
September 12, 2007

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

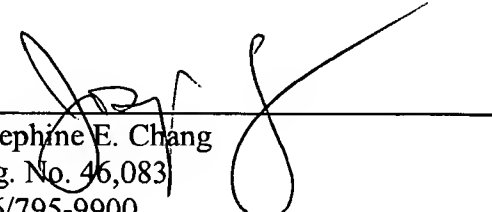
**Application No. 10/550,806**

The Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By

  
Josephine E. Chang  
Reg. No. 46,083  
626/795-9900

JEC/kjd

Enclosures: PTO/SB/08A/B, w/references

LAL PAS751124.1-\*09/12/07 10:24 AM

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B  <b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Attorney Docket Number</b>	51990/R268
	<b>Application Number</b>	10/550,806
	<b>Filing Date</b>	September 23, 2005
	<b>Applicant(s)</b>	Mario Gerla, et al.
	<b>Group Art Unit</b>	2616
	<b>Examiner Name</b>	<del>Lynn Diana Foild</del> /C.E./

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)

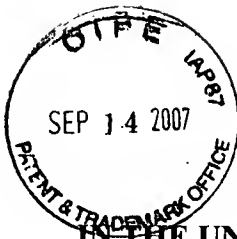
OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/C.E./		DOVROLIS, et al., "Packet Dispersion Techniques and Capacity Estimation," submitted to IEEE/ACM Transactions of Networking, pgs. 1-32.
/C.E./		DOVROLIS, et al., "What do Packet Dispersion Techniques Measure?" In Proceedings of IEEE Infocom '01 (April 22-26, 2001), IEEE, Vol. 2, pp.22-26, Anchorage, Alaska.
/C.E./		JACOBSON, "Pathchar - a Tool to Infer Characteristics of Internet Paths," MSRI, April 21, 1997, 21 pgs., ftp://ftp.ee.lbl.gov/pathchar/.
/C.E./		LAI, et al., "Measuring Link Bandwidths Using a Deterministic Model of Packet Delay," In Proceedings of the SIGCOMM (SIGCOMM '00) (Stockholm, Sweden, Aug 28-Sept. 01, 2001), pp. 283-294, ACM Press, New York, NY, 2000.
/C.E./		ABOOBAKER, et al., "Streaming Media Congestion Control using Bandwidth Estimation," In Proceedings of MMNS '02, 13 pgs., October, 2002.
/C.E./		BALK, et al., "Investigation of MPEG-4 Video Streaming Over SCTP," In Proceedings of SCI '02, 4 pgs., July 2002.
/C.E./		BANSAL, et al., "Binomial Congestion Control Algorithms," In Proceedings of INFOCOMM '01, April 2001, 10 pgs.
/C.E./		CASETTI, et al., "TCP With Faster Recovery," In Proceedings of MIL-COM'00, October 2000, 5 pgs.
		MASCOLO, et al., "TCP Westwood: Bandwidth Estimation for Enhanced Transport Over Wireless Links," In Proceedings of ACM MOBICOM '01, July 2001, 11 pgs.

LAL PAS748067.1-\*09/12/07 10:26 AM

EXAMINER SIGNATURE	/Candal Elpenord/	DATE CONSIDERED	01/18/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 12, 2007.*

Lindsey Lin

Applicant : Mario Gerla, et al. Confirmation No.3983  
Application No. : 10/550,806  
Filed : September 23, 2005  
Title : METHOD AND APPARATUS FOR IMPROVED DATA  
TRANSMISSION  
Grp./Div. : 2616  
Examiner : Lynn Diana Feild  
Docket No. : 51990/R268

**INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
September 12, 2007

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

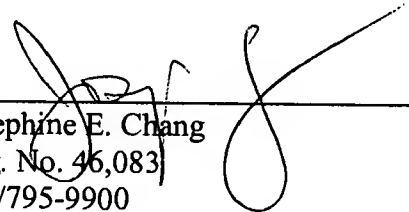
**Application No. 10/550,806**

The Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By

  
Josephine E. Chang  
Reg. No. 46,083  
626/795-9900

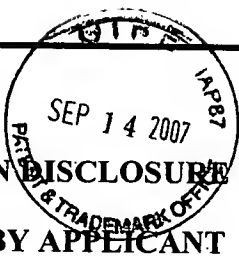
JEC/kjd

Enclosures: PTO/SB/08A/B, w/references

LAL PAS751124.1-\* -09/12/07 10:24 AM

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Attorney Docket Number	51990/R268
Application Number	10/550,806
Filing Date	September 23, 2005
Applicant(s)	Mario Gerla, et al.
Group Art Unit	2616
Examiner Name	<del>Lynn Diana Feild</del> /C.E./

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)

**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/C.E./		DOVROLIS, et al., "Packet Dispersion Techniques and Capacity Estimation," submitted to IEEE/ACM Transactions of Networking, pgs. 1-32.
/C.E./		DOVROLIS, et al., "What do Packet Dispersion Techniques Measure?" In Proceedings of IEEE Infocom '01 (April 22-26, 2001), IEEE, Vol. 2, pp.22-26, Anchorage, Alaska.
/C.E./		JACOBSON, "Pathchar - a Tool to Infer Characteristics of Internet Paths," MSRI, April 21, 1997, 21 pgs., ftp://ftp.ee.lbl.gov/pathchar/.
/C.E./		LAI, et al., "Measuring Link Bandwidths Using a Deterministic Model of Packet Delay," In Proceedings of the SIGCOMM (SIGCOMM '00) (Stockholm, Sweden, Aug 28-Sept. 01, 2001), pp. 283-294, ACM Press, New York, NY, 2000,.
/C.E./		ABOUBAKER, et al., "Streaming Media Congestion Control using Bandwidth Estimation," In Proceedings of MMNS '02, 13 pgs., October, 2002.
/C.E./		BALK, et al., "Investigation of MPEG-4 Video Streaming Over SCTP," In Proceedings of SCI '02, 4 pgs., July 2002.
/C.E./		BANSAL, et al., "Binomial Congestion Control Algorithms," In Proceedings of INFOCOMM '01, April 2001, 10 pgs.
/C.E./		CASETTI, et al., "TCP With Faster Recovery," In Proceedings of MIL-COM'00, October 2000, 5 pgs.
/C.E./		MASCOLO, et al., "TCP Westwood: Bandwidth Estimation for Enhanced Transport Over Wireless Links," In Proceedings of ACM MOBICOM '01, July 2001, 11 pgs.

LAL PAS748067.1-\* -09/12/07 10:26 AM

EXAMINER SIGNATURE	/Candal Elpenord/	DATE CONSIDERED	01/18/2008
-----------------------	-------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE